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| FORM PTC-1360 (REV. 03/2005) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER <div style="text-align: center; font-weight: bold;">20780-0016</div> | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="text-align: center; font-weight: bold;">10/566,263</div> | |
| INTERNATIONAL APPLICATION NO. <div style="text-align: center; font-weight: bold;">PCT/US2004/003135</div> | | INTERNATIONAL FILING DATE <div style="text-align: center; font-weight: bold;">February 4, 2004</div> | | PRIORITY DATE CLAIMED <div style="text-align: center; font-weight: bold;">July 31, 2003</div> | |
| TITLE OF INVENTION <div style="text-align: center; font-weight: bold;">SYSTEMS AND METHODS FOR CONTROLLING AND FORMING POLYMER GELS</div> | | | | | |
| APPLICANT(S) FOR DO/EO/US <div style="text-align: center; font-weight: bold;">Jeffrey W. RUBERTI; Gavin J. C. BRAITHWAITE</div> | | | | | |
| <p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> A English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> had been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). <p>Items 11 to 20. below concern document(s) or information included:</p> <ol style="list-style-type: none"> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 132 and 37 CFR 1.821-1825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: Petition for Extension of Time; Declaration and Power of Attorney; copy of Notice of Missing Requirements dated 6/19/06 | | | | | |

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| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.7) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/566,263 | | PCT/US2004/003135 | | 20760-0016 | |

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| 21. The following fees are submitted: <input type="checkbox"/> a) Basic national fee\$300.00 <input type="checkbox"/> b) Examination fee\$200.00 <input type="checkbox"/> c) Search fee\$400.00 <div style="text-align: right;">TOTAL OF ABOVE CALCULATIONS =</div> | | | | CALCULATIONS PTO USE ONLY <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> 900.00 </div> | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| TOTAL SHEETS | EXTRA SHEETS | NUMBER EXTRA (of each additional 50 or fraction thereof rounded up to a whole number) | RATE | | |
| - 100 = | 50 = | 0 | x \$250.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | 130.00 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | - 20 = | | x \$50.00 | | |
| Independent claims | - 3 = | | x \$200.0 | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.0 | | |
| SUBTOTAL = | | | | | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | SUBTOTAL = | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | + | |
| TOTAL NATIONAL FEE = | | | | | |
| Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | | |
| TOTAL FEES ENCLOSED = | | | | 130.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | Amount to be charged: | \$ |

a. ☐ A check in the amount of _____ to cover the above fees is enclosed.

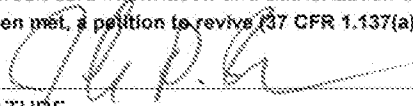
b. ☒ Please charge my Deposit Account No. 50-3840 in the amount of \$580.00 to cover the above fees.
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment
 To Deposit Account No. 50-3840 A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:
PROSKAUER ROSE LLP
 1001 Pennsylvania Avenue, N.W.
 Suite 400 South
 Washington, D.C. 20004
 Customer No.: 61263

SIGNATURE

 John P. Isaacson
 NAME
 Date
 REGISTRATION NO.: 33,715
 September 28, 2006